Index of Claims

| Appl | icatio | n/Con | trol No. |
|------|--------|-------|----------|

10/828,690

Examiner

Hung T. Vy

Applicant(s)/Patent under Reexamination

DURHAM ET AL.

Art Unit

2821

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|          |          | Data III |              |              |            |         |         |         | iii Ouril 5 · Timis |         |          |          |          |          |          |           |          |          |          |         |          |                 |       |       |            |          |         |              |              |                 |                 |           |          |
|----------|----------|----------|--------------|--------------|------------|---------|---------|---------|---------------------|---------|----------|----------|----------|----------|----------|-----------|----------|----------|----------|---------|----------|-----------------|-------|-------|------------|----------|---------|--------------|--------------|-----------------|-----------------|-----------|----------|
| CI       | aim      | Date     |              |              |            |         |         |         | Claim Date          |         |          |          |          |          |          |           |          |          | Cl       | aim     | Date     |                 |       |       |            |          |         |              |              |                 |                 |           |          |
| Final    | Original | 1017     | ١I           | 3            |            |         |         |         |                     |         |          |          | Final    | Original |          |           |          |          |          |         |          |                 |       | Final | Original   |          |         |              |              |                 |                 |           |          |
| -        | 1        |          | +            | ╁            | +-         | ╁       | +       | +       | ╁                   | +       | $\dashv$ | ╟        | -        | 51       |          |           |          | -+       | -        |         | ╁        | -               |       |       | 101        | $\dashv$ | +       | ╁╌           | ╁            | ╫               | Н               | $\dashv$  | _        |
|          | 2        | -        | ╄            | +            | +-         | ╁       | +       | +       | +                   | +       | -        | ⊩        | -        | 52       | Н        | $\vdash$  | $\vdash$ | $\dashv$ | +        | +-      | ╁        | +               |       |       | 102        | $\dashv$ | +       | ╁╌           | ╁┈           | ╁╌              | Н               | $\dashv$  |          |
|          | 3        | 1        | +            | $\dagger$    | ╫          | ╁       | +       | +       | +                   | $\top$  |          | 1        |          | 53       | Н        | $\Box$    |          | 寸        | +        | +       | ╁╴       | 1               |       |       | 103        | $\vdash$ | +       | +            | ╁            | ├               | H               | $\dashv$  |          |
|          | 4        | П        | ┪            | 十            | $\top$     | ╁       | _       | 十       | $\top$              | 十       | _        |          |          | 54       |          |           |          |          |          |         | T        |                 |       |       | 104        |          | +       | T            | t            | <u> </u>        | Н               | $\dashv$  | _        |
|          | 5        | П        | †            | 1            | 1          | 1       | +       | ┪       | ┪                   | ┪       | 7        |          |          | 55       |          |           |          | T        |          | $\top$  | T        |                 |       |       | 105        |          | $\top$  | 1            | t            | T               |                 | コ         | _        |
|          | 6        | П        | 1            | 1            | 1          | 1       |         | $\top$  | 1                   |         |          |          |          | 56       |          |           |          | 寸        | T        | 1       | T        | $\Box$          |       |       | 106        | $\Box$   | $\top$  | T            | T            | T               | П               | $\neg$    | _        |
|          | 7        | П        | Τ            |              | Τ          | Т       | Т       | Т       | Т                   | $\Box$  |          | ŧΓ       |          | 57       |          |           |          |          |          |         |          |                 |       |       | 107        |          |         | $\top$       |              |                 | П               | $\exists$ | _        |
|          | 8        |          |              |              |            |         |         | Τ       | Τ,                  |         |          | ::[      |          | 58       |          |           |          |          |          |         |          |                 |       |       | 108        |          |         |              |              |                 |                 | $\exists$ | _        |
|          | 9        | Ц        |              |              |            | $\perp$ | $\perp$ |         |                     | $\perp$ |          | ii L     |          | 59       |          |           |          |          |          |         |          |                 |       |       | 109        |          |         | $\prod$      |              |                 |                 |           |          |
|          | 10       | Ц        | $\perp$      |              | $\perp$    |         | $\perp$ | ᆜ       |                     |         |          | iiL      |          | 60       |          |           |          |          |          |         |          |                 |       |       | 110        |          |         |              |              |                 |                 |           |          |
| <u> </u> | 11       | Ц        | L            |              | <u> </u>   | Щ       | _ _     | ┸       | $\perp$             |         | _        |          |          | 61       |          |           |          | _        |          |         | <u> </u> | Ш               |       |       | 111        |          | $\perp$ | _            | _            |                 | Ш               |           |          |
|          | 12       | 1        | $\downarrow$ | $\perp$      | 1_         | 1       | _       | $\perp$ | $\perp$             |         | _        | L        |          | 62       | Ш        |           | $\Box$   |          |          | $\bot$  | 4_       | Ш               |       |       | 112        | $\Box$   |         | 丄            | <u>L</u>     | lacksquare      | Ш               |           |          |
|          | 13       | 1        | $\bot$       | $\bot$       | 1          | 1       | $\bot$  | $\perp$ | $\perp$             | $\perp$ | _        | Ŀ        |          | 63       |          | Ш         |          | 4        | $\perp$  | _       | _        | Щ               |       |       | 113        |          |         | <del> </del> | <u> </u>     | lacksquare      | Ш               |           | _        |
|          | 14       | 1        | $\perp$      | $\bot$       | 1          | $\perp$ | $\bot$  | $\perp$ | +                   | 4       | 4        | Ļ        |          | 64       |          | $\square$ |          | _        | _        | $\perp$ | $\perp$  | $\sqcup$        |       |       | 114        |          |         | $\perp$      |              | $oxed{igspace}$ | $\sqcup$        | _         | _        |
| <u> </u> | 15       | <u> </u> | +            | $\vdash$     | $\vdash$   | $\perp$ | -       | +       | +                   | +       | -        | L        | _        | 65       | $\vdash$ | Щ         | $\dashv$ | $\dashv$ | +        | +       | ╄        | Щ               |       |       | 115        |          |         | 1            | 1            | L               | $\vdash \vdash$ | _         |          |
| <u> </u> | 16       | ┡        | +            | ╁            | 1          | +       | +       | +       | +                   | +       | -        | -        | _        | 66       | $\vdash$ | $\dashv$  | $\dashv$ |          | $\dashv$ | +       | -        | $\square$       |       |       | 116        |          |         | $\perp$      | $\vdash$     | $\vdash$        | $\sqcup$        |           |          |
|          | 17       | -        | +-           | ╀            | +          | +       | +       | +       | +                   | +       | -        | ii -     |          | 67       |          | -         | -        |          |          |         | -        | $\square$       |       |       | 117        |          | -       | +-           | ⊢            | $\vdash$        |                 | $\dashv$  |          |
|          | 18       | 1        | -            | -            | ┼—         | ╁       |         |         | +                   | -       | -        | -        | $\dashv$ | 68       |          | $\dashv$  | $\dashv$ | $\dashv$ |          | -       | ╀-       |                 |       |       | 118        | $\perp$  |         | ┿            | _            | <u> </u>        | $\sqcup$        | $\dashv$  |          |
|          | 19       | Η.       | +-           | ╁            | ╂          | +       | ╁       | +-      | +                   | -       | -        | ŀ        | $\dashv$ | 69<br>70 | $\vdash$ | -         |          | +        |          | +       | -        | -               |       |       | 119        | -        |         | ╀            | ⊢            | <u> </u>        | $\vdash$        | $\dashv$  |          |
|          | 20       | V        | +            | ╁            | ╁          | ╁       | ╁       | ╂       | ╁                   | ╁       | -        | ⊪        |          | 71       | -        |           | $\dashv$ | $\dashv$ | +        | +-      | ╁        | -               |       |       | 120<br>121 | -        | +       | ╁            | ⊢            | ┝               | Н               | $\dashv$  |          |
| <u> </u> | 22       |          | ╫            | +            | ╁          | +       | ╁       | ┿       | +                   | ┰       | - ::     | -        |          | 72       | $\dashv$ |           | $\dashv$ | $\dashv$ | +        | +       | ╁        | ┼─              |       |       | 122        |          | +       | ┼            | ├            | -               | -               | -         | _        |
|          | 23       | -        | ╫            | +            | ╁          | ╁       | ╁       | +       | $\pm$               | +       | -        | -        | $\dashv$ | 73       | $\dashv$ |           |          | +        | +        | +-      | ╁        | H               |       |       | 123        |          |         | ╫            | $\vdash$     | -               | $\vdash$        | $\dashv$  | _        |
|          | 24       | $\vdash$ | ╁            | +            | ╁          | +       | +       | +       | +-                  | +       | -        | -        |          | 74       |          |           | $\dashv$ | +        | +        |         | ╫╌       | H               |       |       | 124        | $\dashv$ | +       | +-           | ┼            | -               | Н               | $\dashv$  | _        |
|          | 25       | $\vdash$ | +            | ╁            | H          | t       | +       | ╁       | ╅                   | +       | - ::     | ╟        | $\dashv$ | 75       | $\dashv$ |           | $\dashv$ | $\dashv$ |          | +       | ╁        | H               |       |       | 125        | -        |         | +            | ┢            | $\vdash$        | Н               | $\dashv$  |          |
|          | 26       | $\vdash$ | +            | ╁            | +-         | ╁       | ╁       | ╌       | +                   | -+      | $\dashv$ | ╟        | _        | 76       |          |           | $\dashv$ | +        | $\dashv$ | +       | +        | H               |       |       | 126        | -        |         | ╁            | ┢            |                 | H               | $\dashv$  |          |
|          | 27       | Т        | T            | +            | +-         | ╈       | +-      | +       | +                   | +       | $\dashv$ |          | $\neg$   | 77       |          |           | $\dashv$ | 7        | _        | +       | +        | Н               |       |       | 127        | $\dashv$ | _       | +            | H            |                 | $\vdash$        | $\dashv$  |          |
|          | 28       |          | T            | T            | †          | ╅       | 1       | 十       | +                   | $^{+}$  | 7        |          | $\neg$   | 78       |          |           | $\neg$   | 十        | _        | 十       | 1        | Н               |       |       | 128        | $\dashv$ | _       | +            | H            |                 |                 | $\dashv$  | _        |
|          | 29       | Т        | T            | t            | T          |         | 1       | _       | 十                   |         | 7        |          |          | 79       |          | T         | $\dashv$ | _        | _        | 1       | T        | H               |       |       | 129        | 寸        | _       | T            |              |                 | H               | $\dashv$  |          |
|          | 30       |          | 1            | T            | 1          | T       | 1       | ╅       |                     | ┪       | 7        |          |          | 80       |          |           | 寸        | 7        | 十        | 1       | $\top$   | П               |       |       | 130        | 一        | _       | T            | t            |                 | $\Box$          | _         |          |
|          | 31       | Г        | T            | $\top$       |            | $\top$  | 7       | _       |                     | 1       | 7        |          |          | 81       |          |           | $\neg$   | $\neg$   | $\top$   |         | T        | М               |       | _     | 131        | 寸        |         | T            | T            |                 | П               | 寸         |          |
|          | 32       | Г        | Т            | Τ            | Τ          | Τ       | $\top$  | $\top$  |                     | $\top$  |          |          | $\neg$   | 82       |          | $\neg$    |          |          |          |         | 1        | $\Box$          |       |       | 132        |          | $\top$  | 1            | $\top$       |                 | П               | $\neg$    | _        |
|          | 33       |          |              |              |            |         |         |         |                     |         |          |          |          | 83       |          |           |          |          |          |         | Ī        |                 |       |       | 133        |          |         |              |              |                 | П               | $\Box$    |          |
|          | 34       |          |              |              |            |         |         | $\perp$ | Ι                   |         |          | #C       |          | 84       |          |           |          |          |          |         |          |                 |       |       | 134        |          |         |              |              |                 |                 |           |          |
|          | 35       |          | L            |              |            |         |         | L       | $\perp$             |         | _        | Ľ        |          | 85       |          |           |          |          | $\Box$   |         |          |                 |       |       | 135        |          |         |              |              |                 |                 | $\Box$    |          |
|          | 36       |          | L            | _            | $\perp$    | $\perp$ | $\perp$ | $\perp$ | _                   | Д.      | _        | L        | [        | 86       |          |           | $\perp$  | $\Box$   | $\perp$  |         |          |                 |       |       | 136        |          |         | $oxed{\Box}$ | 匚            |                 |                 | $\Box$    |          |
| <u> </u> | 37       |          | $\perp$      | 1            | 1          | 1       | 4       | 4       | 1                   |         | _        | L        |          | 87       |          |           |          | $\perp$  |          | $\perp$ | ļ_       | Ш               |       |       | 137        | $\perp$  | _ _     | _            |              | $oxed{oxed}$    | Ш               | _[        |          |
| <u> </u> | 38       |          | $\perp$      | 1            | $\perp$    | ┺       | $\perp$ | $\bot$  | $\perp$             | $\bot$  | 4        | L        | ļ        | 88       | _        | ļ         | _        |          | _ _      | $\perp$ | <u> </u> | Ш               |       |       | 138        | _        |         | _            | <u> </u>     | Ш               | Ц               | $\dashv$  |          |
|          | 39       |          | _            | <del> </del> | 1          | $\perp$ | $\perp$ | $\perp$ | $\perp$             | $\perp$ | _        | L        |          | 89       | $\sqcup$ | _         | _        | _↓       | $\bot$   | $\bot$  | 1        | $\sqcup$        |       |       | 139        | _        | $\bot$  | ـــــ        | $\vdash$     | $oxed{igspace}$ | Ц               | $\dashv$  |          |
| <u> </u> | 40       | <u> </u> | -            | ļ            | 1_         | 1       | $\perp$ | +       | +                   | $\perp$ | 4        | ii       |          | 90       |          |           | _        | _        | $\bot$   | _       | <u> </u> | $\sqcup$        |       |       | 140        |          | $\perp$ | <u> </u>     | <del> </del> | Ш               | Щ               | _         |          |
| <u> </u> | 41       |          | ╀-           | ↓            | ╀          | +       | +       | +       | +                   | +       | - ::     | Ŀ        |          | 91       | $\sqcup$ |           | _        | _        | $\perp$  | _       | ļ        | $\square$       |       |       | 141        | _        | $\perp$ |              | <u> </u>     | Ш               | Щ               | _         | _        |
| <u> </u> | 42       |          | ╀            | <del> </del> | ╀          | ╀       | +       | +       | +                   | +       | -        | Ŀ        |          | 92       | _        |           | -        |          | _        | +-      | ١        | $\sqcup$        |       |       | 142        | _        | $\perp$ | <del> </del> | ├-           | Ш               | Щ               | 4         | _        |
| <b> </b> | 43       |          | ╀            | ┼            | ╀-         | +       | +       | +       | +                   | +       | - ::     | -        | _        | 93       | _        |           | $\dashv$ | _        | +        | +       | $\vdash$ | $\square$       |       |       | 143        | -        | $\perp$ |              | -            | $\vdash$        | $\sqcup$        |           | _        |
|          | 44       |          | ╄            | ╂—           | ┼          | +       | +       | +-      | +                   | +       | -        | -        | $\dashv$ | 94       | ᅱ        | _         | $\dashv$ | -        |          | +       | $\vdash$ | +               |       |       | 144        | -        | +       | ╁            | ├            | Н               | $\vdash$        |           | _        |
|          | 45<br>46 |          | +            | ┼            | +-         | ╀       | +-      |         | +-                  | -       | - ::     | H        | $\dashv$ | 95       | 4        |           |          |          |          | +-      | 1        |                 |       |       | 145        | -+       |         | +-           | <del> </del> | $\vdash$        | $\vdash$        |           |          |
|          | 47       | -        | ╁            | +-           | ╁          | ╁       | +       | +       | +                   | -       | -        | ⊩        | $\dashv$ | 96<br>97 |          |           | +        | +        | +        | +       | $\vdash$ | +               |       |       | 146        | $\dashv$ | -       | ╁            | ├-           | $\vdash$        |                 | -         |          |
|          | 47       | _        | ╁            | +-           | ╁          | +       | ╁       | ╁       | ╁                   | +       | :::      | ⊩        | $\dashv$ | 98       |          |           | $\dashv$ | +        | +        | +       | +-       | $\vdash \vdash$ |       |       | 147        | $\dashv$ | +-      | ╁            | -            | $\vdash$        |                 | -+        |          |
|          | 48       | _        | ╁            | ╁            | $\vdash$   | ╁       | +       | +       | +                   | +       | -        | $\vdash$ | $\dashv$ | 99       | $\dashv$ |           | $\dashv$ | $\dashv$ | +        | +       | $\vdash$ | H               |       |       | 148        | $\dashv$ | +       | $\vdash$     | $\vdash$     | Н               | $\vdash$        | -+        |          |
| $\vdash$ | 50       |          | $\vdash$     | ╁            | ┼          | ╁       | +       | +       | +                   | +       | -        | $\vdash$ |          | 100      |          | $\dashv$  | -+       | +        | +        | +       | $\vdash$ | ╀╌╢             | }     | -     | 149<br>150 | $\dashv$ | +       | ╁            | -            | Н               | $\vdash$        | $\dashv$  | $\dashv$ |
|          | 30       |          |              | 1            | <u>L</u> . |         |         |         |                     |         | :::      | ∵∟       |          | 100      |          |           |          | $\perp$  | L_       |         | 1        | السا            | ::::[ |       | 120        |          |         | 1            | t            |                 |                 | I         | - 1      |